

| L Number | Hits  | Search Text  | DB  | Time stamp       |
|----------|-------|--|---|------------------|
| 1        | 0     | (flash near2 anneal\$3) near10 ( (back or bottom) near5 (substrate or wafer))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 20:54 |
| 2        | 0     | (flash near2 anneal\$3) near10 (imping\$3 near5 (support near2 substrate))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 21:31 |
| 3        | 0     | anneal\$3 near10 (imping\$3 near5 (support near2 substrate))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 21:32 |
| 4        | 0     | anneal\$3 same (imping\$3 near5 (support near2 substrate))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 21:32 |
| 5        | 0     | anneal\$3 same (imping\$3 or though) near5 (support near2 substrate)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 21:33 |
| 6        | 10    | anneal\$3 same ((imping\$3 or through) near5 (support near2 substrate))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 21:35 |
| 7        | 8     | (flash near2 anneal\$3 same ((imping\$3 or through) near5 substrate))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 21:35 |
| -        | 6192  | ((438/149) or (438/311) or (438/458) or (438/473) or (438/474) or (438/475) or (438/477) or (438/479) or (438/480) or (438/495) or (438/496) or (438/499) or (438/406) or (438/508) or (438/509) or (438/514) or (438/787) or (438/788)).CCLS.                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 17:34 |
| -        | 17530 | (soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 16:28 |
| -        | 0     | ((xe adj arc) near2 lamp) same anneal\$3) near10 ((support or second silicon or quartz or semiconductor)near2 substrate)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 17:48 |
| -        | 0     | ((xe adj arc) near2 lamp) same anneal\$3) same ((support or second silicon or quartz or semiconductor)near2 substrate)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 17:48 |
| -        | 0     | ((xe adj arc) near2 lamp) same anneal\$3) same ((support or second or silicon or quartz or semiconductor)near2 substrate)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 17:49 |
| -        | 0     | ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer)) and (((xe adj arc) near2 lamp) same anneal\$3) and ((support or second or silicon or quartz or semiconductor)near2 substrate) ) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 17:49 |

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| - | 26      | ((((xe adj arc) near2 lamp) same anneal\$3) and ((support or second or silicon or quartz or semiconductor)near2 substrate)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 17:50 |
| - | 5       | ((((xe adj arc) near2 lamp) same (anneal\$3 or heat\$3)) near10 (substrate or (support near2 substrate)))   | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 17:52 |
| - | 54      | ((((xe adj arc) near2 lamp) same (anneal\$3 or heat\$3)))   | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 17:53 |
| - | 0       | ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer)) and (((xe adj arc) near2 lamp) same (anneal\$3 or heat\$3)) )  | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 17:53 |
| - | 206     | ((((xe adj arc) near2 lamp) and (anneal\$3 or heat\$3)))  | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:03 |
| - | 0       | (((((xe adj arc) near2 lamp) and (anneal\$3 or heat\$3)) ) and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer))) and (((438/149) or (438/311) or (438/458) or (438/473) or (438/474) or (438/475) or (438/477) or (438/479) or (438/480) or (438/495) or (438/496) or (438/499) or (438/406) or (438/508) or (438/509) or (438/514) or (438/787) or (438/788)).CCLS.) | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 17:53 |
| - | 34      | ((((xe adj arc) near2 lamp) and (anneal\$3 or heat\$3)) ) and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 17:53 |
| - | 10693   | wafer near2 bond\$3   | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:19 |
| - | 2450    | ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer)) and (wafer near2 bond\$3)  | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:02 |
| - | 0       | ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer)) and (wafer near2 bond\$3)) and (((xe adj arc) near2 lamp) and (anneal\$3 or heat\$3)) )  | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:02 |
| - | 3933068 | anneal\$3 or heat\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:55 |
| - | 1808    | (anneal\$3 or heat\$3) and (((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer)) and (wafer near2 bond\$3))   | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:05 |

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| - | 281   | ((xe adj arc) near2 lamp)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:03 |
| - | 0     | ((anneal\$3 or heat\$3) and (((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer)) and (wafer near2 bond\$3))) and ((xe adj arc) near2 lamp) )  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:04 |
| - | 40    | ((anneal\$3 or heat\$3) and (((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer)) and (wafer near2 bond\$3))) and (lamp near5 intensit\$3)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:29 |
| - | 15436 | wafer near5 bond\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:20 |
| - | 8537  | (wafer near5 bond\$3) and (anneal\$3 or heat\$3)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:20 |
| - | 1232  | implant\$ near5 (hydrogen near ion\$1)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:27 |
| - | 179   | (wafer near5 bond\$3) same (implant\$ near5 (hydrogen near ion\$1))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:57 |
| - | 162   | ((wafer near5 bond\$3) same (implant\$ near5 (hydrogen near ion\$1))) and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:28 |
| - | 158   | ((wafer near5 bond\$3) same (implant\$ near5 (hydrogen near ion\$1))) and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer))) and (anneal\$3 or heat\$3)                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:28 |
| - | 2     | ((wafer near5 bond\$3) same (implant\$ near5 (hydrogen near ion\$1))) and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer))) and (anneal\$3 or heat\$3)) and (lamp near5 intensit\$3) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:38 |
| - | 37    | ((wafer near5 bond\$3) same (implant\$ near5 (hydrogen near ion\$1))) and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer))) and (anneal\$3 or heat\$3)) and lamp                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:31 |
| - | 366   | (wafer near5 bond\$3) and (implant\$ near5 (hydrogen near ion\$1))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:58 |

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| - | 310  | ((wafer near5 bond\$3) and (implant\$ near5 (hydrogen near ion\$1))) and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:58 |
| - | 0    | ((wafer near5 bond\$3) and (implant\$ near5 (hydrogen near ion\$1))) and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer)) and (((anneal\$3 or heat\$3) same lamp) near5 (support near2 substrate)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:59 |
| - | 0    | ((wafer near5 bond\$3) and (implant\$ near5 (hydrogen near ion\$1))) and (((anneal\$3 or heat\$3) same lamp) near5 (support near2 substrate))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:59 |
| - | 0    | ((anneal\$3 or heat\$3) same lamp) near5 (support near2 substrate)) and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 18:59 |
| - | 43   | ((anneal\$3 or heat\$3) same lamp) near5 (support near2 substrate)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:01 |
| - | 2013 | (anneal\$3 or heat\$3) near3 (support near2 substrate)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:02 |
| - | 71   | ((anneal\$3 or heat\$3) near3 (support near2 substrate)) and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:02 |
| - | 16   | ((anneal\$3 or heat\$3) near3 (support near2 substrate)) and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer))) and (implant\$ near5 (hydrogen near ion\$1))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:03 |
| - | 1    | "5543636".PN.  | USPAT   | 2004/08/20 19:22 |
| - | 4    | ("5854123"   "5882987"   "5953622"   "6010579").PN.  | USPAT   | 2004/08/20 19:23 |
| - | 6    | ("5374564"   "5882987"   "6146979"   "6251754"   "6294814"   "6323108").PN.  | USPAT   | 2004/08/20 19:24 |
| - | 1    | ("6376806").PN.  | USPAT   | 2004/08/20 19:35 |
| - | 15   | ("4356384"   "4436985"   "4707217"   "4755654"   "5073698"   "5577157"   "5722761"   "5756369"   "5811327"   "5840118"   "5892332"   "5893952"   "5937282"   "6080965"   "6144171").PN.  | USPAT<br>USPAT  | 2004/08/20 19:36 |
| - | 335  | flash near2 anneal\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:52 |
| - | 0    | (flash near2 anneal\$3) near5 (support near2 substrate)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:40 |
| - | 1    | (flash near2 anneal\$3) near10 (support near2 substrate)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:40 |

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| - | 1     | (flash near2 anneal\$3) same (support near2 substrate)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:40 |
| - | 7     | (flash near2 anneal\$3) and (support near2 substrate)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:44 |
| - | 0     | (flash near2 anneal\$3) near5 (separt\$5 same substrate)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:45 |
| - | 0     | (flash near2 anneal\$3) near5 separt\$5   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:45 |
| - | 0     | (flash near2 anneal\$3) near10 separt\$5  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:46 |
| - | 2     | (flash near2 anneal\$3) near10 (through near5 substrate)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:47 |
| - | 1     | (flash near2 anneal\$3) near10 (through near2 substrate)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:48 |
| - | 1     | (flash near2 anneal\$3) near10 (through same substrate)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:48 |
| - | 27    | (flash near2 anneal\$3) near10 ( substrate)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:50 |
| - | 1     | (flash near2 anneal\$3) same (hydrogen near2 ion\$1)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 16:29 |
| - | 18    | flash near2 anneal\$3 and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:55 |
| - | 42016 | flash near2 anneal\$3 or ((xe adj arc) near2 lamp) or xenon   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 18:41 |
| - | 20    | (flash near2 anneal\$3 or ((xe adj arc) near2 lamp) or xenon) same ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) near3 (substrate or wafer)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/20 19:56 |
| - | 41728 | ((xe adj arc) near2 lamp) or xenon  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 16:30 |

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| - | 40914 | (soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 16:28 |
| - | 869   | (( (xe adj arc) near2 lamp) or xenon) and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) )  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 16:28 |
| - | 1422  | (hydrogen near2 ion\$1) near5 implant\$5  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 16:29 |
| - | 47    | (( ((xe adj arc) near2 lamp) or xenon) and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) )) and (hydrogen near2 ion\$1) near5 implant\$5)            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 16:29 |
| - | 19527 | ((xe adj arc) near2 lamp) or xenon near3 lamp   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 16:30 |
| - | 330   | (( (xe adj arc) near2 lamp) or xenon near3 lamp) and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) )   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 16:30 |
| - | 13    | (( ((xe adj arc) near2 lamp) or xenon near3 lamp) and ((soi or (silicon near2 insulator) or soq or (silicon near2 quartz) or sof or (silicon near2 foreign)) )) and (hydrogen near2 ion\$1) near5 implant\$5) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 16:31 |
| - | 35    | (flash near2 anneal\$3) near5 (substrate or wafer)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/21 20:53 |